STANDARD 3

Students apply critical and creative thinking skills to make decisions and solve workplace problems.

READINESS (Kindergarten)

Students know and are able to do the following:

- **3WP-R1. Share in the planning of classroom activities, specifying the goals and alternatives, and choosing the best course of action to take**

  PO 1. Participate in classroom activities
  PO 2. Select goals
  PO 3. Apply creative thinking skills to determine alternatives
  PO 4. Use critical and creative thinking skills to choose best course of action

- **3WP-R2 . Identify changing aspects of the school and community and describe the effects they have on personal decisions**

  PO 1. Describe what change is
  PO 2. Identify the characteristics of the various communities in which the child is a part (i.e., school, home, neighborhood, church, playground)
  PO 3. Compare various communities for change
  PO 4. Describe how changes in your communities affect you

FOUNDATIONS (Grades 1-3)

Students know and are able to do all of the above and the following:

- **3WP-F1. Address a specific problem by specifying their goals, devising alternative solutions, considering the risks of each and choosing the best course of action**

  PO 1. Apply problem solving techniques to determine a solution
  PO 2. Identify methods of initiating change
  PO 3. Define a variety of creative thinking skills
  PO 4. Practice a variety of creative thinking skills to identify potential solutions to workplace issues
  PO 5. Identify the need for data, obtaining it from existing sources such as the library, online databases or field research
  PO 6. Describe possible solutions to a variety of problems

- **3WP-F2. Identify methods for initiating change**

  PO 1. Give examples of methods to initiate change

- **3WP-F3. Define a variety of creative thinking skills**

  PO 1. Use creative thinking skills in a variety of situations

- **3WP-F4. Practice a variety of creative thinking skills to identify potential solutions to workplace issues**

  PO 1. Identify ways of using creative thinking skills
  PO 2. Apply creative thinking skills to solve workplace issues

- **3WP-F5. Identify the need for data, obtaining it from existing sources such as the library, on-line databases or field research**

  PO 1. Define data, database, library and data sources, and field research
  PO 2. Apply data from existing sources, such as the library, on-line database and field research

- **3WP-F6. Describe possible solutions to a variety of problems**

  PO 1. Identify possible solutions to a variety of problems
  PO 2. Apply problem solving techniques to determine a solution

ESSENTIALS (Grades 4-8)

Students know and are able to do all of the above and the following:

- **3WP-E1. Utilize information acquired from several sources and transfer information learned in one situation to another**

  PO 1. Research a designated topic using a wide array of information sources
  PO 2. Analyze the information obtained from the research
  PO 3. Classify the information obtained from the research
  PO 4. Compare the information to a new situation

- **3WP-E2. Devise and implement a plan of action by specifying goals and constraints**

  PO 1. Define goals and objectives
  PO 2. Develop appropriate time line
  PO 3. Identify constraints to achieving goals
  PO 4. Identify resources needed to accomplish goals
  PO 5. Develop criteria to evaluate plan of action

- **3WP-E3. Generate alternatives, consider risks, evaluate and choose solutions**

  PO 1. Select from possible solutions in a designated scenario
  PO 2. Evaluate possible solutions in a designated scenario
  PO 3. Identify risks in a designated scenario
  PO 4. Assess risks and risk factors in a designated scenario

- **3WP-E4. Monitor progress and make adjustment to meet stated objectives**

  PO 1. Identify activities for given objectives
  PO 2. Designate assessment tasks to measure progress towards objectives
  PO 3. Evaluate progress towards objective
  PO 4. Revise activities when necessary to achieve objective

- **3WP-E5. Reflect on the action taken to determine what has been gained, lost or achieved**

  PO 1. Evaluate what has been gained, lost or achieved

- **3WP-E6. Identify a need for data, obtain it and develop a validation instrument for determining its accuracy**

  PO 1. Compare the results with the criteria for accuracy
  PO 2. Collect data to analyze workplace problems

PROFICIENCY (Grades 9-12)

Students know and are able to do all of the above and the following:

- **3WP-P1. Develop a plan to solve complex problems by gathering, selecting and analyzing data; include determining the history and politics of the situation**

  PO 1. Identify the problem
  PO 2. Select needed data
  PO 3. Analyze data
  PO 4. Develop a plan within the context of the workplace to solve problem

- **3WP-P2. Identify and allocate available resources (e.g., time, money, materials, facilities and human)**

  PO 1. Identify available resources
  PO 2. Allocate resources

- **3WP-P3. Design and justify solutions by tracking and evaluating the results**

    PO 1. Design justifiable solution
    PO 2. Monitor results
    PO 3. Evaluate results

- **3WP-P4. Demonstrate the ability to adapt new information to changing situations and requirements**

    PO 1. Demonstrate the ability to apply new information to changing situations and
             requirements

- **3WP-P5.   Combine ideas or information in new ways, make connections between seemingly unrelated ideas and reshape goals in ways that reveal new possibilities to solve problems**

    PO 1. Integrate existing ideas and information in new ways to solve a problem

- **3WP-P6. Develop an inventory record keeping system to maintain data and information in a systematic fashion**

    PO 1. Determine record keeping needs based on the nature of data
    PO 2. Develop an appropriate record keeping system

DISTINCTION (Honors)

Students know and are able to do all of the above and the following:

- **3WP-D1. Apply a continuous improvement process to an existing business**

- **3WP-D2. Conduct a comprehensive workplace needs assessment, communicate their findings to the employer, and develop and defend a set of proposed solutions to address the needs**